

Post-doctoral Research Associate

at the University of Cincinnati, High Energy Physics

Field: Experimental Particle Physics

Application deadline: until the position is filled. Applications received by March 1, 2008 will receive full consideration.

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Job description: The high energy physics group at the University of Cincinnati has an opening for a postdoctoral research associate in the Belle group. The initial appointment is for two years with the possibility of renewal. The Belle group at Cincinnati consists of two faculty members, two postdocs, and several graduate and undergraduate students. We are involved in numerous analyses including measurements of the CKM angle ϕ_2 via $b \rightarrow u$ decays; measurements of D^0 - \bar{D}^0 mixing; measurements of polarization in $B^0 \rightarrow VV$ decays; and studies of B_s decays using data taken at the $\Upsilon(5S)$ resonance. Belle has the world's largest sample of reconstructed B meson decays, and the KEKB accelerator continues to set world records for e^+e^- luminosity. With this large data set there are many physics analysis opportunities. This position represents an excellent opportunity for a motivated individual to have a large impact on a forefront experiment. In 2009, the detector is scheduled to be upgraded to a "Super B -factory" experiment; the Cincinnati group is involved in developing particle identification detectors for this upgrade.

A Ph.D. in particle physics or a closely related area is required for this position. Interested parties should send their curriculum vitae, a list of publications, and arrange to have three letters of recommendation sent to: Professor Alan Schwartz (ucphysics@uc.edu), Department of Physics, University of Cincinnati, P.O. Box 210011, Cincinnati, Ohio 45221. Review of applications will begin March 1, 2008 and continue until the position is filled. The University of Cincinnati is an equal opportunity/affirmative action employer.